

DEPARTMENT OF TRANSPORTATION  
DOCKETS

[4910-13-P] -114CP

## DEPARTMENT OF TRANSPORTATION

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## Federal Aviation Administration

## 14 CFR Part 39

[Docket No. FAA-2007-27753; Directorate Identifier 2007-NM-022-AD;

Amendment 39-\*\*\*\*\*; AD 2007-\*\*-\*\*] 2007-12-18

RIN 2120-AA64

15096

Airworthiness Directives; Empresa Brasileira de Aeronautica S.A. (EMBRAER) Model

ERJ 170 Airplanes

**AGENCY:** Federal Aviation Administration (FAA), Department of Transportation (DOT).

**ACTION:** Final rule.

**SUMMARY:** We are adopting a new airworthiness directive (AD) for the products listed above. This AD results from mandatory continuing airworthiness information (MCAI) originated by an aviation authority of another country to identify and correct an unsafe condition on an aviation product. The MCAI describes the unsafe condition as:

It has been found that the fuel quantity probes harnesses installed in the left and right wing stub tanks on some Embraer ERJ-170( ) aircraft models may not be protected in accordance with RBHA/FAR (Regulamento Brasileiro de Homologação Aeronáutica/Federal Aviation Regulation) 25.981(a) and (b) requirements.

The unsafe condition is potential ignition sources inside fuel tanks, which, in combination with flammable fuel vapors, could result in fuel tank explosions and consequent loss of the airplane. We are issuing this AD to require actions to correct the unsafe condition on these products.

CONCURRENCES
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